

# Converting Colors

Decimal(16614357)

Have a look what the booklet for  
Decimal(16614357) contains.

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# **Color**

**Decimal(16614357)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD83D5
RGB	253, 131, 213
RGB Percent	99%, 51%, 84%
CMY	0.0078, 0.4863, 0.1647
CMYK	0.00, 0.48, 0.16, 0.01
HSL	320°, 97%, 75%
HSV	320°, 48%, 99%
XYZ	60.6346, 41.9193, 67.8462
YIQ	176.8260, 46.3900, 51.3660

# Conversions

## Conversions Part 2

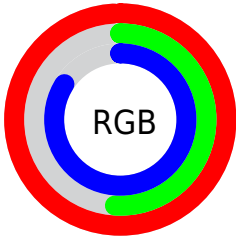
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">253, 131, 213</a>
Decimal	<a href="#">16614357</a>
CIELab	<a href="#">70.82, 56.22, -21.14</a>
CIElCh	<a href="#">71, 60.065, 339.390</a>
Yxy	<a href="#">41.9193, 0.3558, 0.2460</a>
Android (android.graphics.Color)	<a href="#">4294804437 (0xFFFD83D5)</a>
YUV	<a href="#">176.8260, 17.8338, 66.8046</a>
Hunter-Lab	<a href="#">64.7451, 53.8632, -16.8082</a>

# Details

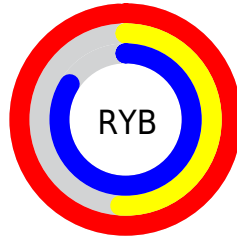
The Decimal color **16614357** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **8650155**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **16759807**, and **12733598** is the 20% darker color. If you saturate the color by 10%, you get **16607949**, and if you desaturate by 10%, it is **16620765**.

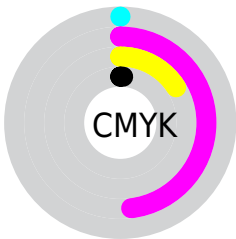
# Distribution



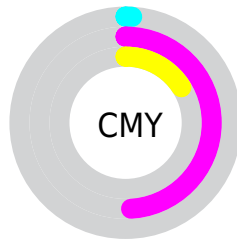
- Red (99%)
- Green (51%)
- Blue (84%)



- Red (99%)
- Yellow (51%)
- Blue (84%)



- Cyan (0%)
- Magenta (48%)
- Yellow (16%)
- Black (1%)

















- Cyan (1%)
- Magenta (49%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16614357 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 16614357 by changing the saturation by 10% instead.



 16614357	 16614357
16777215	 14641337
 16759807	 12733598
 16767231	 10825604
 16774655	 8980843
	 7143506
	 5374011
	 3801125
	 1835021
	 0

 16614357

 16614357

 16607949

 16620765

 16601284

 16627430

 16594876

 16633838

 16588468

 16640246

 16582060

16646142

 16580778

16646143

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



13080831



16614357



16743582

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16614357



12300345



50929

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



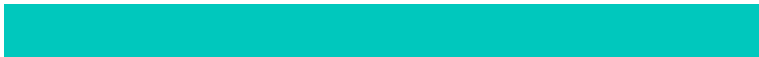
16614357



8650155

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51389



16614357



8437332

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



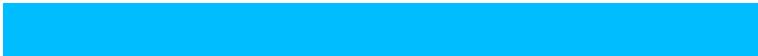
16614357



15375684



836997



48639

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16614357



16745083



836997



51169



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



16614357



16767987



11174909



8415864



0



8421504



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16614357



16739279



16614297



8418171



12517505



4194347



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



16614357



16739279



8650215



8418171



12517505



4194347



# Previews

## White Background



This preview shows how the Decimal color 16614357 looks on a white background.

## Color Contrast Check

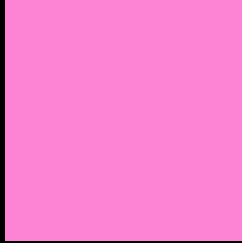
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 16614357 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 16614357 Background



This preview shows how black text looks on a background with the Decimal color 16614357.



This preview shows how white text looks on a background with the Decimal color 16614357.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
16224154

# Trichromacy



**Original Color**  
16614357



**Protanomaly**  
12426471



**Deuteranomaly**  
13343953



**Tritanomaly**  
16354223

# Monochromacy



**Original Color**  
16614357



**Achromatopsia**  
11645361



**Achromatomaly**  
13476030

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16614357 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #FD83D5 looks like.

```
.text, #text, p{  
  color:#FD83D5  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #FD83D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD83D5
}
```

## Border

The CSS property to change the border of an element to Decimal 16614357 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FD83D5 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#FD83D5 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #FD83D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD83D5; -webkit-box-shadow:4px 4px  
4px 4px #FD83D5; box-shadow:4px 4px 4px  
4px #FD83D5 }
```

# Background

The CSS property to change the background color of an element to Decimal 16614357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD83D5 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#FD83D5 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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